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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/746,467	12/22/2000	Kenneth Michael Hyams	81862P186	2405

8791 7590 01/24/2007
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EXAMINER

ELALLAM, AHMED

ART UNIT	PAPER NUMBER
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2616

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	01/24/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary

Application No.

09/746,467

Applicant(s)

HYAMS ET AL.

Examiner

AHMED ELALLAM

Art Unit

2616

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 01 November 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 22-42 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 22-42 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

This responsive to RCE filed on 11/01/2006.

Claims 22-42 are pending.

Claim Rejections - 35 USC § 112

1. Claims 22-42 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention.

Regarding claim 22, the specification as originally filed doesn't describe the feature of *sending an indication of the event of the first entry to the call control device if the timer expires before the CAS module recognizes a further change of line signaling state*. In particular, it has been already stated in the claim that "a call control device to communicate with a call agent using gateway control protocol signals" the call control device in this limitation is understood to correspond to unit 220 as depicted in figure 2 and 3 of the original specification, however the specification discloses sending an indication to the **Local Call Agent FSM 320** and not to the call control device, see specification page 9, lines 1-3. Further the specification discloses "**The call agent is then notified of the event through the call control device**". See specification, page 8, lines 11-15. Thus, it appears that the event is sent to the call agent and not to the call control device.

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Regarding claims 23, 28, 29, 33, 34, 38, 39, these claims suffer from similar deficiency with regard to "call control device" as indicated above with regard to claim 22.

Regarding claim 33 and 38, the phrase "the channel associated signals" lack clear antecedent basis.

Regarding claims 38-42, the specification as originally filed doesn't describe a computer readable medium having instructions embodied thereon, which, when executed by a processing system, causes the system to perform the steps indicated in claims 38-42. Furthermore, the specification recites:

The method of Figure 4 may be performed by a processing system that reads computer instructions from memory. The computer instructions, when executed by the system, may cause the system to perform the method of Figure 4. The method of Figure 4 may also be performed by logic devices, such as programmable logic devices, configured to implement the method to allow the user to program the CAS module.

Specification, page 11, line 18-page 12, lines1-2.

It follows that the specification as originally filed, doesn't give any specific examples of computer readable medium and the processing system. In, addition, the method steps of figure 4 are different from those recited in claims 38-42.

Claims 24-27, 31, 32, 35-37 depend from rejected respective base claims 22, 28, 33, thus they are subject to the same rejections.

Regarding claims 25, 31, 36 and 41, the phrase "the associated signalling state" is confusing because "the associated signalling state" lacks antecedent basis.

Conclusion


2. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. See Form PTO-892.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to AHMED ELALLAM whose telephone number is (571) 272-3097. The examiner can normally be reached on 9-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, To Doris can be reached on (571) 272-7629. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

AHMED ELALLAM


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SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600

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Examiner

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1/18/07